

L9 ANSWER 20 OF 29 CAPLUS COPYRIGHT 2003 ACS on STN

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TITLE: Oil- and water-repelling substance

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PATENT ASSIGNEE(S): Asahi Glass Co., Ltd.

SOURCE: Ger. Offen., 24 pp.

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PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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DE 2247111	B2	19760102		
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AB Agents that imparted good oil- and water-resistance to cotton, polyester, and wool textiles with retention of the textile softness were copolymers (9 used) contg. 1.5-35% haloalkyl vinyl ether and .geq.25% fluoroalkyl (meth) ***acrylate***. Thus, cotton fabric treated with 75:20:50 copolymer of CH₂:CHCO₂(CH₂)₃CnF_{2n+1} (I, n = 7,9,11, and 13 in a 4:3:2:1 ratio), vinyl chloride (II) [75-01-4], and 2-chloroethyl vinyl ether [110-75-8] exhibited similar oil, water, and soil-resistance but higher softness values and better hand than cotton fabric treated with a 75:25 I-II copolymer.

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